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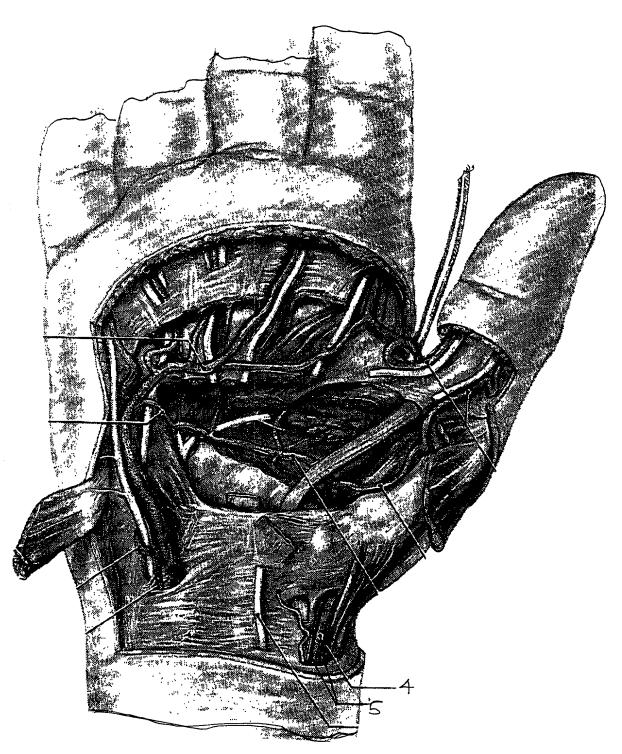
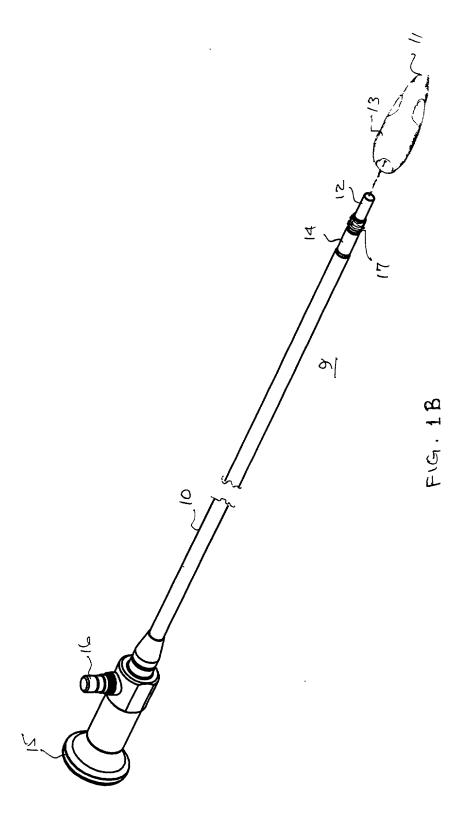


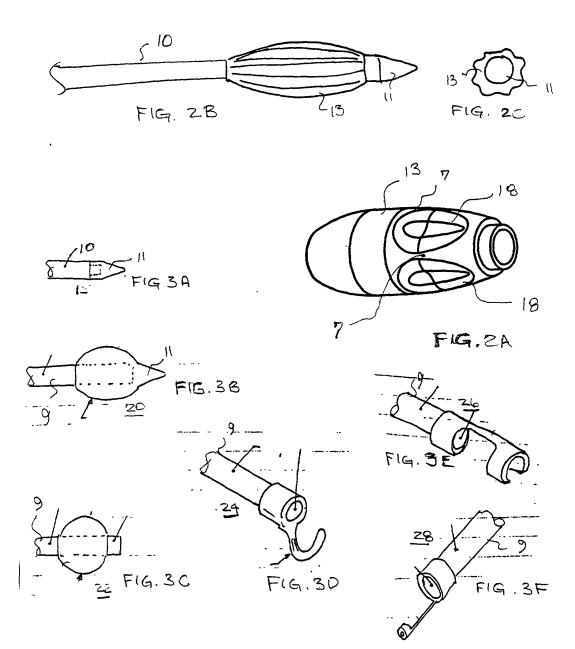
FIG. 1A

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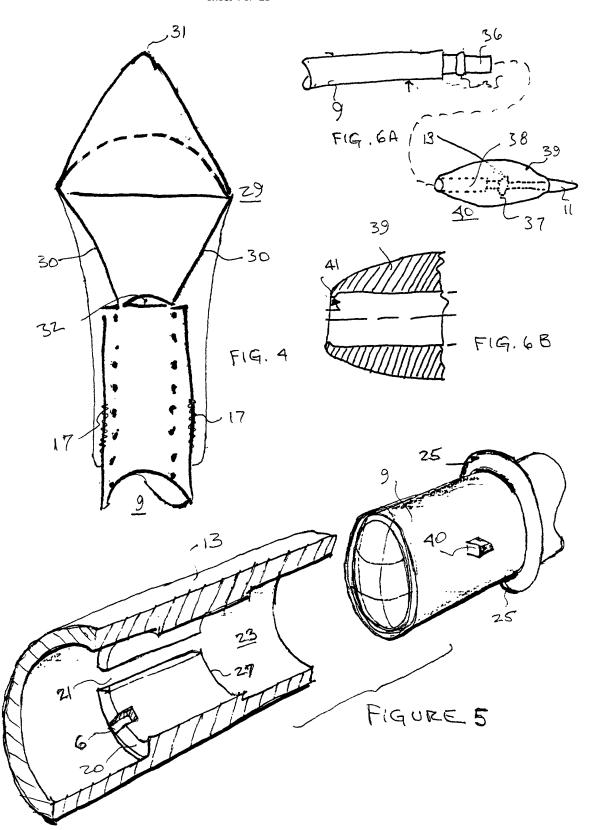
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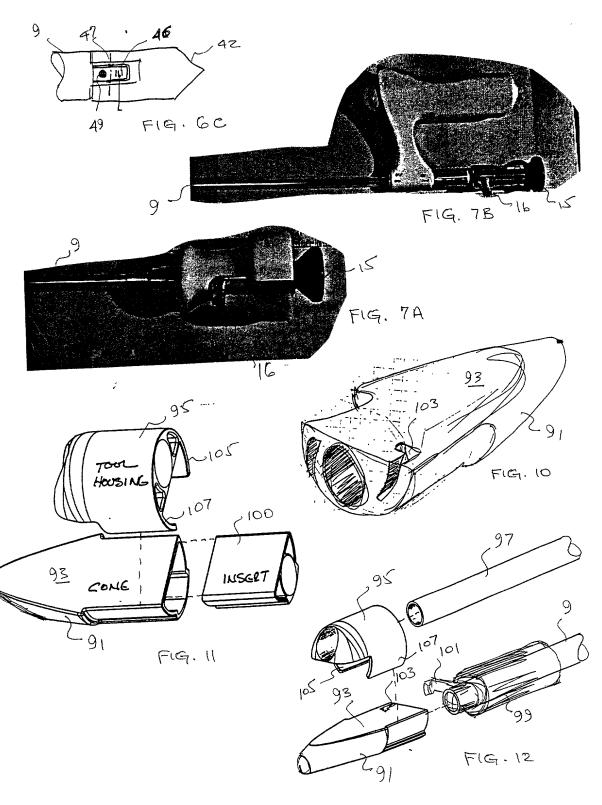
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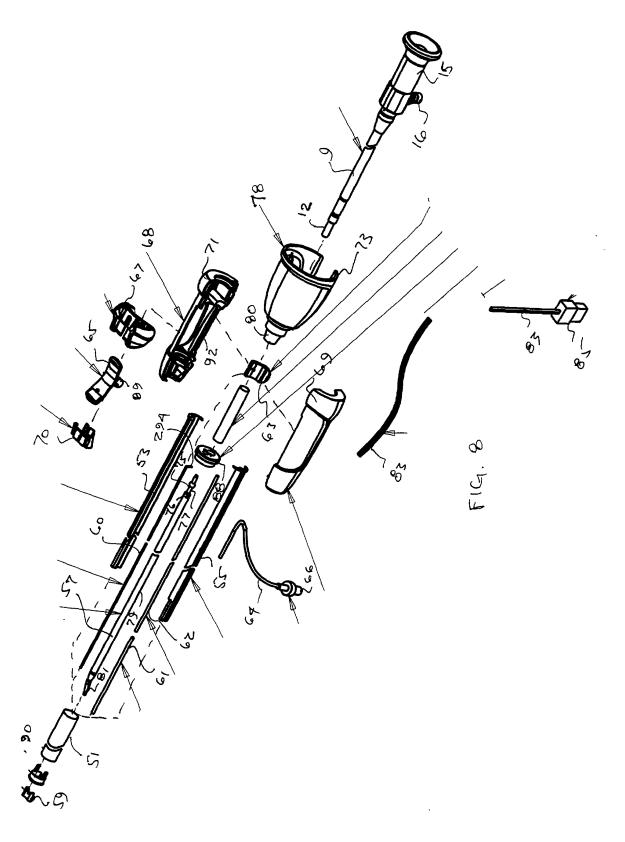


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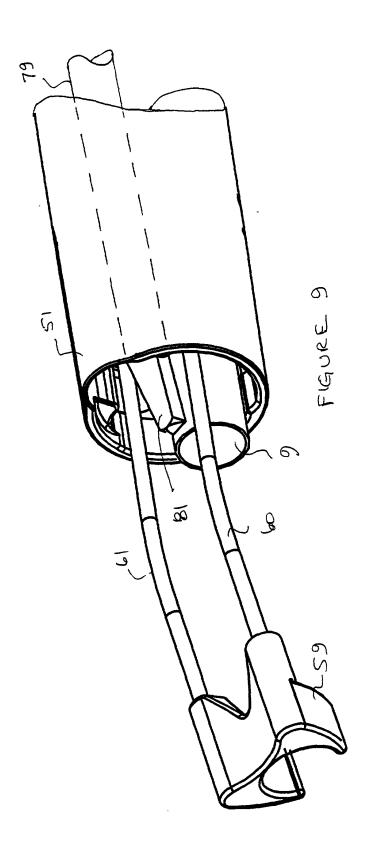
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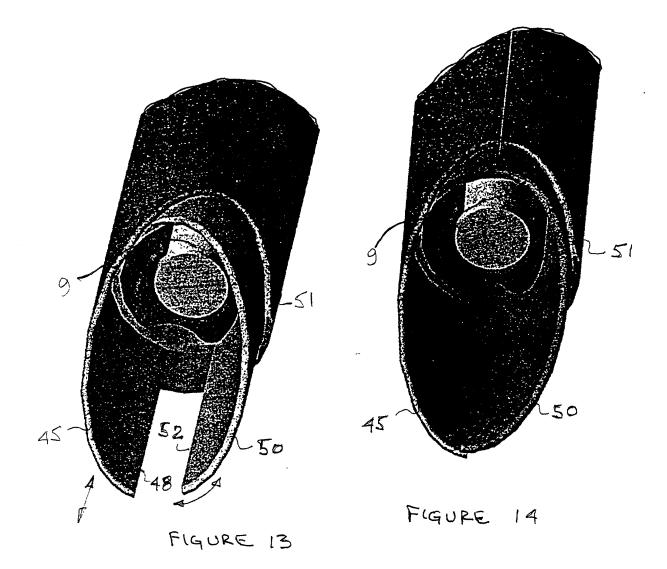


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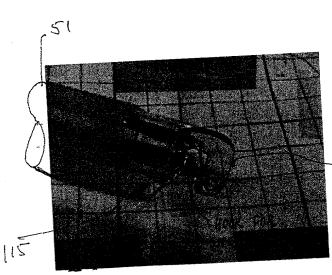
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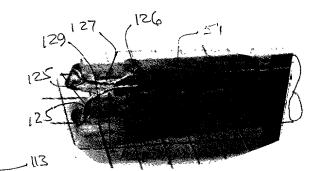
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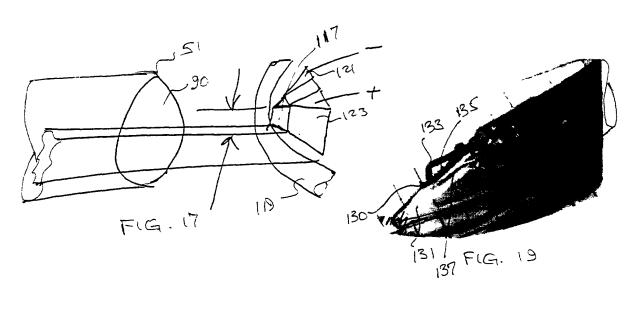
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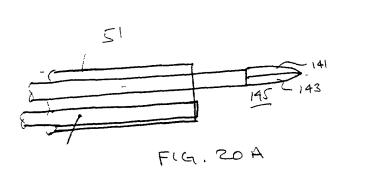
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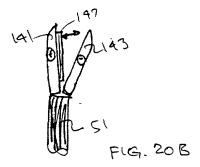
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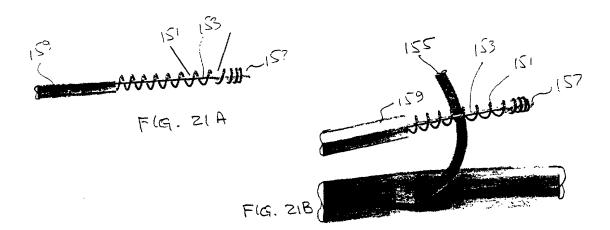
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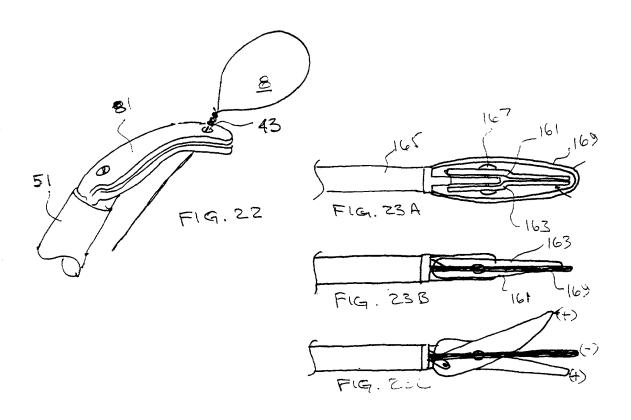


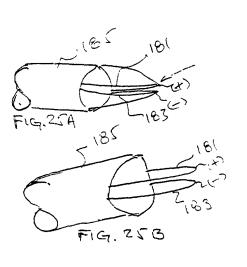


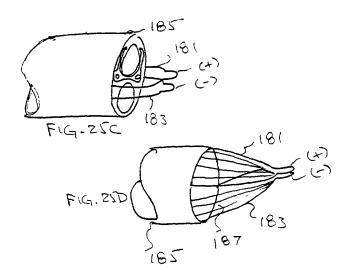
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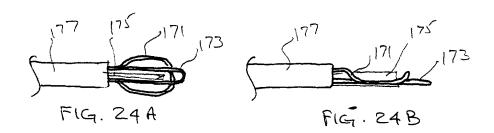


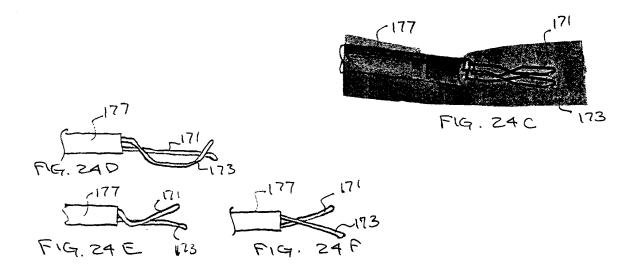
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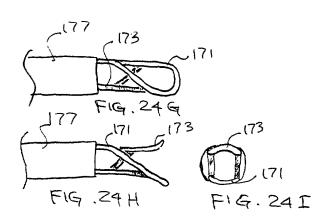
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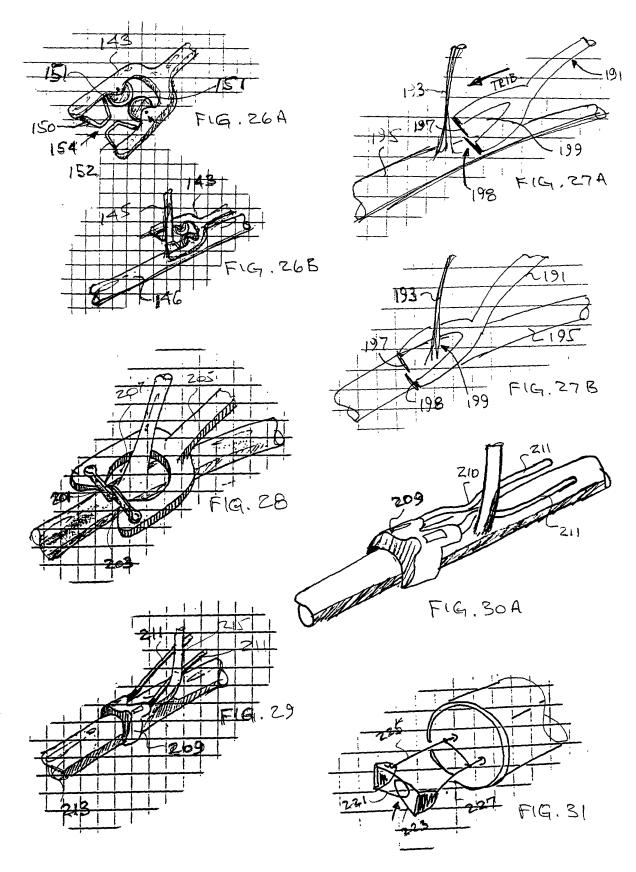






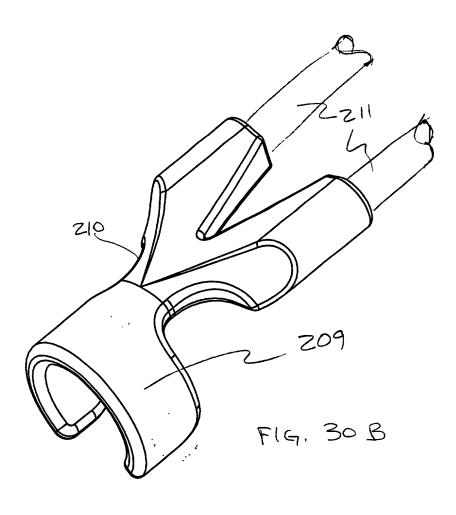
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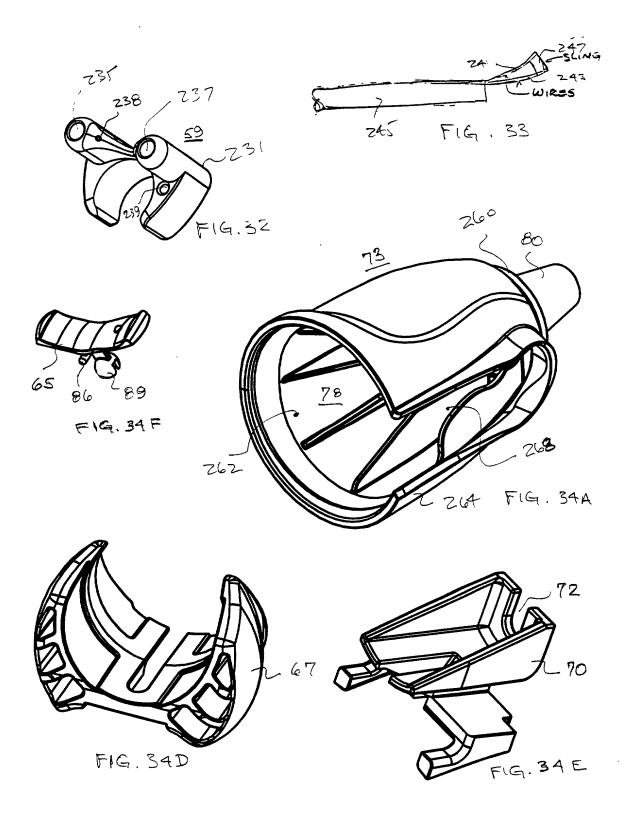
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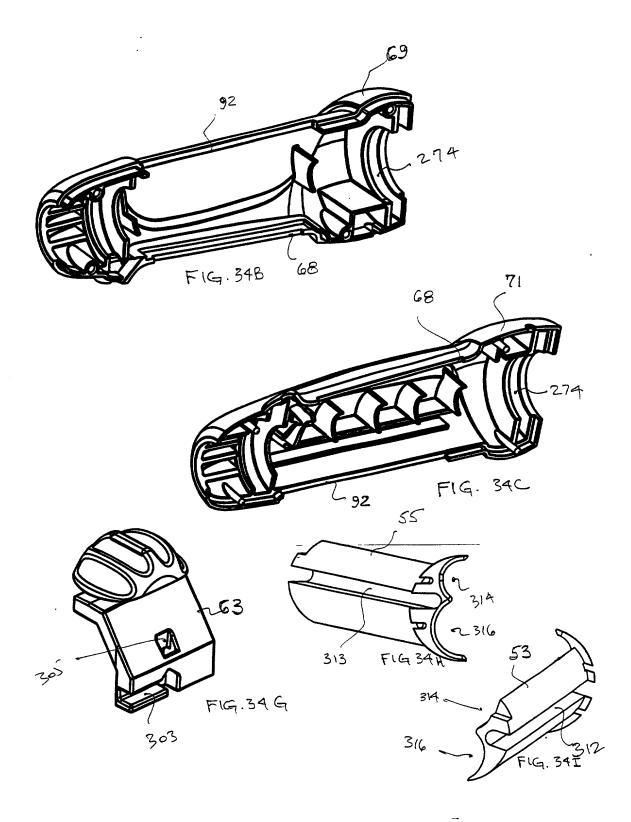
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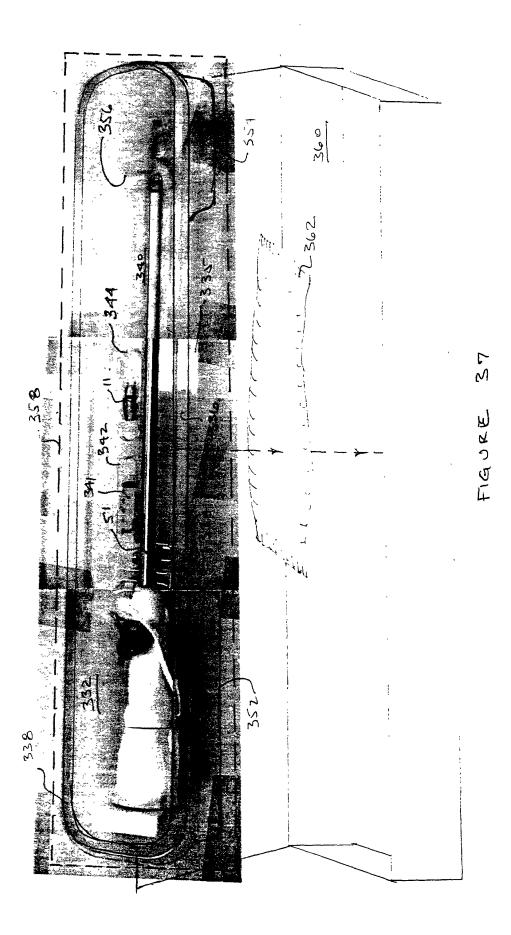
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Sheet 18 of 21 FORM INITIAL INCISION ~ 353 BLUNTLY DISSECT TO ~ 355 EXPOSE VEIN WITHIN **INCISION INSTALL GAS-SEALING** TROCAR ON ENDOSCOPE INSERT DISSECTING ENDOSCOPE INTO ~ 349 **INCISION** Ť ADVANCE DISSECTING ENDOSCOPE TO BLUNTLY DISSECT TISSUE A LENGTH SUFFICIENT TO INSTALL TROCAR IN INCISION **INSERT GAS-SEALING** TROCAR IN INCISION AND  $\sim$  357 INFLATE BALLOON INSUFFLATE DISSECTED CAVITY ~ 363 ADVANCE DISSECTING ENDOSCOPE TO COMPLETE ~ 364 **BLUNT TISSUE DISSECTION** WITHDRAW DISSECTING ENDOSCOPE~ 365 DETACT ~ 367 DISSECTING TIP INSTALL TOOL CANNULA WITH SURGICAL DEVICES ~ 369 ONTO ENDOSCOPE To FIG. 38B

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**METHOD** 

FIGURE 38A

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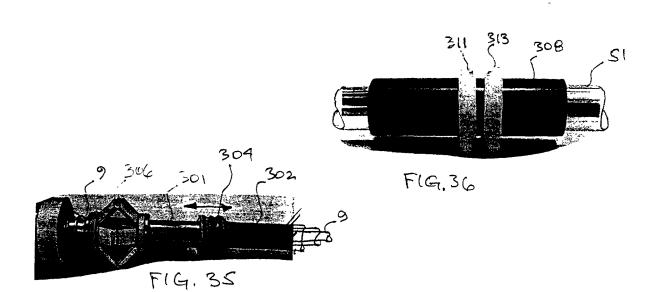
FROM FIG. 38A

INSERT RECONFIGURED
ENDOSCOPE THROUGH ~ 37!
GAS-SEALING TROCAR
INTO INSUFFLATED CAVITY

RETRACT VEIN, CAUTERIZE  $\sim$  373 and ligate side branches

SEVER VEIN AND REMOVE ~ 375
FROM CAVITY

FIGURE 38B



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MARK SKIN AT WRIST OVERLYING PULSING  $\sim 381$ RADIAL ARTERY WRAP LOWER ARM 383 TO EXSANGUINATE THE LIMB APPLY TOURNIQUET - 385 TO UPPER ARM REMOVE WRAP OF ~387 LOWER ARM FORM INCISION AT - 389 MARKED SPOT ON WRIST BLUNTLY DISSECT TISSUE TO EXPOSE RADIAL ARTERY ~ 39 | AND VENAE COMITANTIS INSTALL TROCAR OVER DISSECTING ENDOSCOPE, INSERT DISSECTING TIP  $\sim$  393 THROUGH INCISION ONTO ONE OF VENAE COMITANTES ADVANCE TIP THROUGH ~ 395 TISSUE ENOUGH TO INSTALL TROCAR INSUFFLATE AND DISSECT CAVITY IN TISSUE ALONG VEIN TO ANTECUBITAL SPACE DISSECT TISSUE FROM OTHER ~ 399 OF VENAE COMITANTES To FG. 39 B

FIGURE 39A

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FROM FIG. 39A EXPOSE VEINOUS AND ARTERIAL SIDE BRANCHES WITHIN V 401 DISSECTED CAVITY TO ISOLATE PEDICLE OF ARTERY AND VEINS ħ RECONFIGURE ENDOSCOPE WITH TOOL CANNULA, - 403 INTRODUCE INTO DISSECTED CAVITY CAUTERIZE AND TRANSECT 405 ALL SIDE BRANCHES AND TRIBUTARY VESSELS ALONG LENGTH OF THE PEDICLE FORM COUNTERINCISION NEAR ELBOW TO LIGATE 407 AND TRANSECT PEDICLE LIGATE AND TRANSECT PEDICLE AT WRIST FOR REMOVAL 409 FROM DISSECTED CAVITY REMOVE TOURNIQUET, CAUTERIZE IDENTIFIED ~ 411 BLEEDING VESSELS,

FIGURE 39B

**CLOSE INCISIONS**